

## ABSTRACT

A chamber having an approximately triangular transverse cross section is provided with a gas supply opening at its one side, and is provided with an exhaust opening at a vertex facing the one side. Further, the gas supply opening is provided with a showerhead-like gas supply section. Based on this configuration, the chamber is structured such that a cross-sectional area of a gas flow passage formed from the gas supply opening to the exhaust opening gradually decreases toward a direction of gas supply. At this time, a thickness of a boundary layer formed on a wall of the chamber becomes substantially constant.